

*CONTROL OF A MULTI-MODE, MULTI-BAND MOBILE TELEPHONE
VIA A SINGLE HARDWARE AND SOFTWARE MAN MACHINE INTERFACE*

ABSTRACT

5 A system for controlling a multi-mode mobile telephone via a single hardware
and software man machine interface (MMI) includes a mode manager for managing
switching of the system between two or more modes utilizing different air interface
standards supported by different protocol stacks. A user interface communicates
information and commands between the protocol stacks and a user. An application layer
10 reduces the functional interface between the protocol stacks to layers of the protocol
stacks subsequent to the user interface, allowing control of the mobile telephone to be
provided via a single MMI that is substantially consistent across the all modes.